

QUICK  
FACTS on:

By accelerating the funding, design and construction of eight key Everglades restoration project components, the Everglades ecosystem will experience positive benefits much sooner and in a more cost-effective manner.

- **C-43 (Caloosahatchee River) West Reservoir**
- **Everglades Agricultural Area Reservoir A-1 with Bolles Canal Improvements**
- **Everglades Agricultural Area Stormwater Treatment Area Expansion**
- **Picayune Strand (Southern Golden Gate Estates) Restoration**
- **C-44 (St. Lucie Canal) Reservoir/Stormwater Treatment Area**
- **Water Preserve Areas**
- **Biscayne Bay Coastal Wetlands - Phase 1**
- **C-111 Spreader Canal - Phase 1**

JULY 2006

# Acceler8

STEPPING UP THE PACE TO RESTORE AMERICA'S EVERGLADES

## C-44 (St. Lucie Canal) Reservoir/Stormwater Treatment Area

### Project Description

As a component of the larger Indian River Lagoon-South restoration project, this Acceler8 project will capture and treat local stormwater runoff from the 116,516-acre C-44 basin in Martin County, decreasing flows and improving water quality into the St. Lucie Estuary. The project consists of a 3,400-acre, 15-foot-deep aboveground reservoir that will hold 50,600 acre-feet of water, providing significant water storage for the C-44 basin.

The project also includes a 6,300-acre Stormwater Treatment Area (STA) to capture and treat stormwater runoff before it enters the St. Lucie canal and, ultimately, the St. Lucie Estuary and Indian River Lagoon. New conveyance canals, embankments and a pump station are part of the project to aid in moving water through the reservoir and STA.

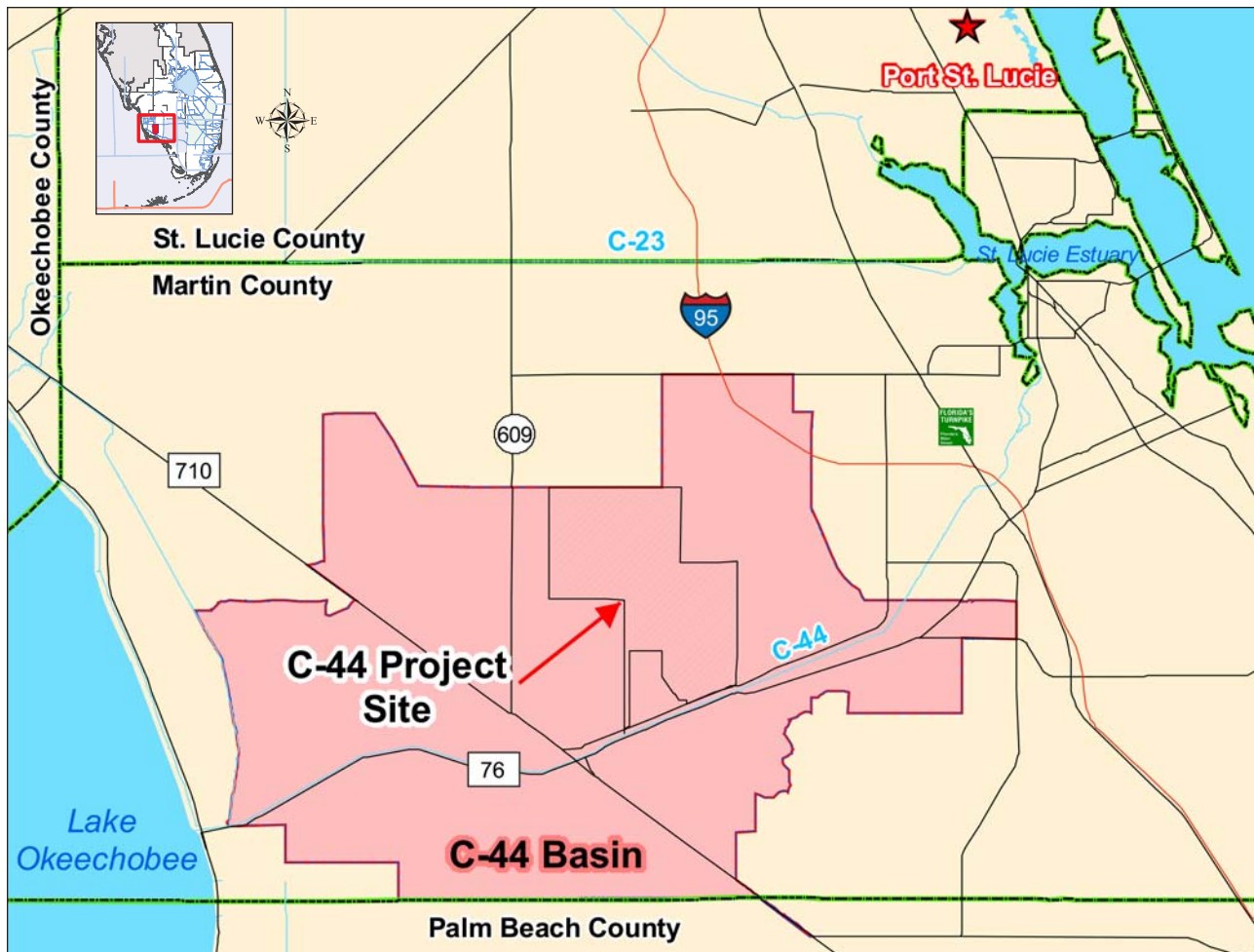
### Purpose and Benefits

- Capture and store local stormwater runoff from the basin; treat some or all of the runoff, and return it to the C-44 (St. Lucie) Canal when needed
- Decrease/attenuate excess water flow to the St. Lucie Estuary
- Improve water quality by reducing the amounts of phosphorus, pesticides, herbicides and other pollutants in the runoff entering the estuary, improving the health of the ecosystem
- Increase available water supplies for the environment and human needs
- Provide public access and recreational opportunities

### Project Status

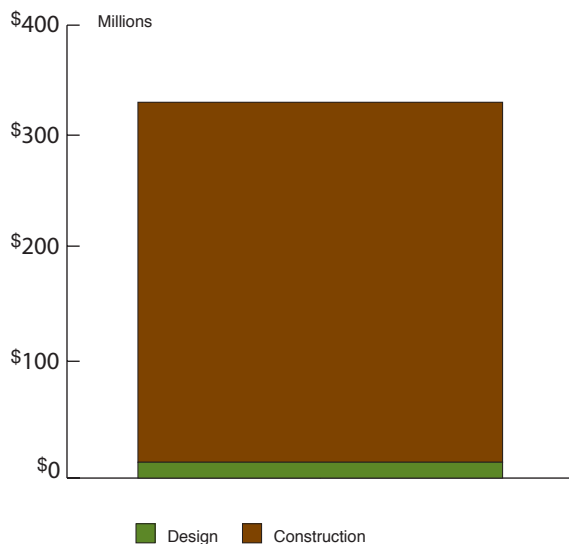
All advance planning and field work are complete. Project configuration and components are established, and preliminary design began in March 2006 and will be submitted in July 2006. Construction of Test Cells was completed in June. These will provide data for final design of the project.

Real Estate: 96% acquired.

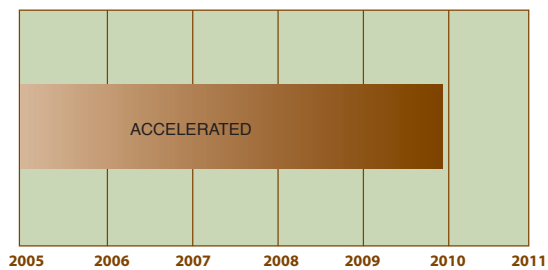


The C-44 (St. Lucie Canal) Reservoir/Stormwater Treatment Area, located in Martin County, will improve water quality and decrease excess water flow to the St. Lucie Estuary and Indian River Lagoon, improving the health of the ecosystem.

## Project Cost



## Project Timeline



**ACCELER8**  
evergladesnow.org



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**Estimated Annual Operating Cost:** \$1.7 million per year